

AMENDMENTS TO THE CLAIMS

1. (Currently amended) An optical recording medium for recording and retrieving information with an optical beam comprising:

a substrate;

a transparent layer, having a predetermined thickness

such that the reflectivity after recording is

decreased, which is reactive (optically or

thermally) with a reflecting layer disposed thereon

to form a semi-transparent reflective area of

alloy/compound ~~near~~ across the interface there

between, comprising a material selected from the

group consisting of Si, Ge, GaP, InP, GaAs, InAs,

GaSb, InSb, In-Sn oxide, tin oxide, indium oxide,

zinc oxide, titanium oxide, Sb-Sn oxide, or

combinations thereof disposed on the substrate; and

a reflecting layer disposed on the transparent layer,

which is reactive (optically or thermally) with the

transparent layer of the predetermined thickness to

form a semi-transparent reflective area of

alloy/compound ~~near~~ across the interface of

transparent layer and reflecting layer after the

optical recording medium is exposed to the optical

OK to  
alter  
JAN  
6/23/84